

# 8<sup>th</sup> Grade Science Syllabus

## Linda Jobe Middle School

### 682-314-4400

Welcome to Science. I am excited to be your teacher this year. We will be following your accommodations to ensure that you have a successful year. Below you will find an outline of all the wonderful things we will be covering this year is Science.

#### **Teacher Contact Information**

Conference period is from 12:36-1:21pm, Monday - Friday.

Mrs. Samantha Anderson      [samanthaanderson@misdmail.org](mailto:samanthaanderson@misdmail.org)

#### **Course Information**

The 8th grade coursework is designed to increase the student's understanding of scientific concepts through inquiry and active participation. We will cover the following content during the fall and spring semesters:

<b>First Grading Period</b>	<b>Second Grading Period</b>	<b>Third Grading Period</b>
<p><b><u>Safety and Equipment Organism and Environment</u></b></p> <ul style="list-style-type: none"> <li>• Relationships in Food Webs, Interdependence</li> <li>• Environmental Changes, Human impact</li> </ul> <p><b><u>Matter and Energy-</u></b></p> <ul style="list-style-type: none"> <li>• Atom Structure, Element Identity &amp; Reactivity</li> </ul>	<p><b><u>Matter and Energy-</u></b></p> <ul style="list-style-type: none"> <li>• Periodic Table</li> <li>• Chemical Formulas</li> <li>• Conservation of Mass</li> <li>• Chemical Reactions</li> </ul>	<p><b><u>Force and Motion-</u></b></p> <ul style="list-style-type: none"> <li>• Review Energy Transformations, Potential and Kinetic</li> <li>• Unbalanced Forces</li> <li>• Speed, Velocity, Acceleration, Newton's Laws</li> </ul> <p><b><u>Earth and Space-</u></b></p> <ul style="list-style-type: none"> <li>• Components of the Universe, HR Diagram, and the Sun</li> </ul>
<b>Fourth Grading Period</b>	<b>Fifth Grading Period</b>	<b>Sixth Grading Period</b>
<p><b><u>Earth and Space-</u></b></p> <ul style="list-style-type: none"> <li>• Electromagnetic Spectrum and wavelengths</li> <li>• Light years, origin of the universe</li> <li>• Lunar phases, tides</li> <li>• Day/Night and Seasons</li> <li>• Atmospheric/Ocean Currents</li> </ul>	<p><b><u>Earth and Space-</u></b></p> <ul style="list-style-type: none"> <li>• Weather, role of the oceans</li> <li>• Plate Tectonics, Boundaries</li> <li>• Topographic Maps/Satellite Views</li> <li>• Begin STAAR Review</li> </ul>	<ul style="list-style-type: none"> <li>• STAAR Review Camp continued</li> </ul> <p><b><u>Intro to Biology-</u></b></p> <ul style="list-style-type: none"> <li>• Structure and Function of DNA (Biology 6A)</li> </ul>

#### **Digital resource:**

acceleratelearning.com

#### **Supplemental Information**

Lesson Plans available at [coachanderson78.weebly.com](http://coachanderson78.weebly.com)

#### **Materials:**

Students will be required to keep an interactive notebook for science with all notes, labs and other class materials.

#### **Lab Safety/Health**

Students are expected to actively participate in laboratory investigations while demonstrating proper lab safety at all times. Additional information about lab safety can be found on the Lab Safety Contract.

All students must have a signed lab safety contract on file before participating in a lab. Any

violation of that contract will result in the removal of the student from the lab setting and disciplinary action will be taken.

### **Grading**

Grades will be determined as follows:

- 40% - Major Grades (tests, projects, lengthy assignments, etc.)
- 60% - Daily Work (classwork, labs, homework, CBAs, etc.)

\*\*\*District late penalties apply\*\*\*

1 day late: Loss of 15 points (Maximum grade of 85)

2 days late: Loss of 30 points (Maximum grade of 70)

3 days late: Loss of 45 points (Maximum grade of 55)

More than 3 days late: Grade of 0 will be given

**\*\*Zeros will be entered in the grade book once an assignment is declared missing. I do this so students and parents see the impact the zero will have on their grade. Once the assignment is turned in the grade will be replaced based on number days late.**

### **Make Up Work**

It is the student's responsibility to make up work after being absent. A student will have one day per day of absence to make up work without a grade penalty. If a test is missed, the student must schedule a time within two days to make up the test.

### **Test Retakes**

Students who fail a major test/assessment (below 70%) will be allowed to retake or correct up to a 70% grade. This does not include final semester examinations. Students will have to make arrangements with teacher to retake or correct a major test/assignment. Students are encouraged to attend tutorials. All retakes or corrections must be completed prior to the end of each six week grading period.

### **Tardiness**

A student is considered tardy to class if he or she is not in the classroom by the time the tardy bell ceases to sound unless excused by a teacher or administrator. Tardies will be monitored and administered as per MISD policy.

Policy per semester:

1st tardy—warning

2nd tardy—teacher assigned discipline

3rd tardy—office referral

### **Discipline**

Inappropriate student activity or class disruptions are subject to the following Behavior Intervention Plan.

First offense = Warning and reminder of the rule and expectation

Second Offense = Student and Parent conference

Third Offense = Teacher assigned discipline and parent conference

Fourth Offense = Office referral

Extreme offenses will result in immediate office referral.